

## **100 Area Regulatory Documents**

Declaration of the Record of Decision for the selected interim remedial actions for the 100-BC-1, 100-DR-1 and 100-HR-1 Operable dated September 1995.

EPA, Ecology, and DOE, 1999, *Interim Action Record of Decision: 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6, and 200-CW-3 Operable Units, Hanford Site, Benton County, Washington*, U.S. Environmental Protection Agency, Washington State Department of Ecology, and U.S. Department of Energy, Olympia, Washington.

Amended Record of Decision, Decision Summary and Responsiveness Summary for the selected interim remedial actions for the 100-BC-1, 100-DR-1 and 100-HR-1 Operable Units dated May 14, 1997.

EPA, 1997a, Amendment to the Interim Remedial Action Record of Decision for the 100-BC-1, 100-DR-1, and 100-HR-1 Operable Units, Hanford Site, Benton County, Washington, U.S. Environmental Protection Agency, Region 10, Seattle, Washington.

Declaration of the Record of Decision for the selected interim remedial actions for the 100-HR-3 and 100-KR-4 Operable Units Groundwater April 1, 1996.

Interim Remedial Action Record of Decision Amendment for the 100-HR-3 Operable Unit, Groundwater In-Situ Treatment dated October 24, 1999.

Amended Record of Decision Summary and Responsiveness Summary for selected interim remedial action for 100-HR-3 Operable Unit, December 21, 1999.

Declaration of the Record of Decision for the selected action for the 100-IU-1, 100-IU-3, 100-IU-4 and 100-IU-5 Operable Units, No Action ROD, dated February 12, 1996.

Declaration of the Record of Decision for the selected Interim Remedial Action for the 100 Area Remaining Sites: 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-1, 100-FR-2, 100-HR-1, 100-HR-2, 100-KR-1, 100-KR-2, 100-IU-2, 100-IU-6 and 200-CE-3 Operable Units, July 15, 1999.

Declaration of the Record of Decision for the selected Interim Remedial Action for the 100-NR-1 and 100-NR-2 Operable Units, (81 Sites in NR-1, Groundwater and Shoreline Site in NR-2) October 22, 1999.

Declaration of the Record of Decision for the selected Interim Remedial Action for the 100 Area (100 Area Burial Grounds): 100-BC-1, 100-BC-2, 100-DR-1, 100-DR-2, 100-FR-2, 100-HR-2, 100-KR-1 Operable Units, dated and signed September 2000.

Declaration of Decision for a portion of the Interim Remedial Action for the (100 Area) 100-NR-1 Operable Unit January 25, 2000.

Declaration of the Record of Decision, Decommissioning of Eight Production Reactors at the Hanford Site, Richland, Washington, September 14, 1993.

Explanation of Significant Differences for the 100 Area Remaining Sites Record of Decision and for the 300-FF-5 Record of Decision, June 15, 2000.

DOE-RL, 1995, *Closure Report for the N Reactor Facility*, DOE/RL-94-152, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

DOE-RL, 1996, Programmatic Agreement Among the U.S. Department of Energy, Richland Operations Office, the Advisory Council on Historic Preservation, and the Washington State Historic Preservation Office for the Maintenance, Deactivation, Alteration, and Demolition of the Built Environment on the Hanford Site, Washington, DOE/RL-96-77, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

DOE-RL, 1998b, *Remedial Design Report/Remedial Action Work Plan for the 100 Area*, DOE/RL-96-17, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

DOE-RL, 1999, *100 Area Burial Grounds Focused Feasibility Study*, DOE/RL-98-18, Rev. 0, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

### **Action Memoranda**

Approved Action Memorandum for the 100 B/C Area Ancillary Facilities and the 108-F Building Removal Action, January 29, 1997.

Action Memorandum: Expedited Response Action Proposal; 100-BC-1 Demonstration Project, June 27, 1995.

Action Memorandum: 183-H Solar Evaporation Basin Waste Expedited Response Action Cleanup Plan, November 26, 1996.

Notice of Change to the Waste Volume Estimates in the N Area Waste Expedited Response Action Memorandum, March 6, 1997.

Action Memorandum: N Area Waste Expedited Response Action Cleanup Plan, November 7, 1996.

Action Memorandum: N Springs Expedited Response Action Cleanup Plan, September 23, 1994.

Action Memorandum: Expedited Response Action Proposal River land Site 100-IU-1, dated June 23, 1993.

Action Memorandum Approval: Sodium Dichromate Barrel Landfill 100-IU-4, dated March 8, 1993.

Action Memorandum: Time-Critical Removal Action for clean-up of 2,4-D Burial Site, 100-IU-3 (Wahluke Slope), undated (approx. August 1997).

Action Memorandum: 105-F and 105-DR Reactor Buildings and Ancillary Facilities, July 1998, AR Doc. No. 004944.

Action Memorandum: 100N Ancillary Facilities, December 1998.

### **ERDF Regulatory Documents**

Declaration of the Record of Decision for the selected remedial action for the Environmental Restoration Disposal Facility (ERDF) dated January 20, 1995.

Environmental Restoration Disposal Facility (ERDF) Explanation of Significant Differences (ESD), July 26, 1996.

Amended Record of Decision for the Environmental Restoration Disposal Facility, dated September 25, 1997.

Amended Record of Decision, Decision Summary, and Responsiveness Summary for the Environmental Restoration Disposal Facility (Delisting Rod Amendment), dated March 25, 1999.

### **300 Area**

Declaration of the Record of Decision for the final and interim remedial actions for the 300-FF-1 and 300-FF-5 Operable Units CCN No. 0048470, Doc. No. 11081, dated July 17, 1996.

Draft Declaration of the Record of Decision 300-FF-2 Operable Unit (the 300-FF-2 Operable Unit is comprised of 56 waste sites, which are listed in Appendix A of this ROD. These sites fall into four general categories: wastes sites in the 300 Area industrial complex (40 sites); outlying waste sites north and west of the 300 Area industrial complex (7 sites); general content burial grounds (7 sites); and transuranic-contaminated burial grounds (designated 618-10 and 11 Burial Grounds and are not part of the River Corridor contract).

EPA, 1996, Interim Action Record of Decision for 300-FF-1 and 300-FF-5, EPA/ROD/R10-96/143, U.S. Environmental Protection Agency, Washington, D.C.

FH, 2000a, 300 Area Accelerated Closure Plan Development, Baseline Change Request (BCR) FSP-2000-024, Fluor Hanford, Inc., Richland, Washington.

FH, 2000b, 324/327 Buildings Stabilization/Deactivation Project Project Management Plan, HNF-IP-1289, Rev. 3, Fluor Hanford, Inc., Richland, Washington.

RL, 1991, 303K Storage Facility Closure Plan, DOE/RL-90-04, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 1998b, 324 Building Radiochemical Engineering Cells, High-Level Vault, Low-Level Vault, and Associated Areas Closure Plan, DOE/RL-96-73, Rev. 1, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 2000a, Focused Feasibility Study for the 300-FF-2 Operable Unit, DOE/RL-99-40, Draft B, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL, 2000b, Proposed Plan for the 300-FF-2 Operable Unit, DOE/RL-99-53, U.S. Department of Energy, Richland Operations Office, Richland, Washington.

RL and Ecology, 1999, "303-K Storage Facility," Meeting Minutes, July 1, U.S. Department of Energy, Richland Operations Office, and Washington State Department of Ecology, Richland, Washington.

## **RCRA**

There is only one RCRA permitted TSD unit under ERCs purview that is associated with the reactors. That unit is the 105-DR Large Sodium Fire Facility (LSFF). It is part of the "RCRA Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility," Rev.6 Permit, #WA7890009867. The 105-DR LSFF is discussed in Part V, Chapter 10 of the permit, which can be viewed at <http://www.hanford.gov/docs/wa7890009867/index.htm>.

## **Engineering Evaluation/Cost Analysis (EE/CA) and Removal Actions Workplans (RAW)**

Reactor 105-D EE/CA - DOE/RL-2000-45 Rev.0 RAW DOE/RL-2000-57 Rev.0

Reactor 105-DR EE/CA - DOE/RL-98-23 Rev.0 RAW DOE/RL-98-37 Rev.3

105-F EE/CA DOE/RL-98-23 Rev.0 RAW DOE/RL-98-37 Rev.3

105-H EE/CA - DOE/RL-2000-46 Rev.0 RAW DOE/RL-2000-57 Rev.0

DOE-RL, 1998c, EE/CA for the 100-N Area Ancillary Facilities and Integration Plan, DOE/RL-97-22, Rev. 1

### **Environmental Impact Statements**

Final Hanford Comprehensive Land-Use Plan Environmental Impact Statement. DOE/EIS-0222-F.

Decommissioning of Eight Surplus Production Reactors at the Hanford Site, Richland, WA, Addendum, Final Environmental Impact Statement, DOE/EIS-0119F.

DOE, 1995, Environmental Assessment for the Deactivation of the N Reactor Facilities.

### **Authorization Basis Documents (ASA)**

The following is a tabulation of authorization basis documents approved by DOE for the facilities in the 100, 300 and 600 Areas. All of these documents are available electronically at <http://www.bhi-erc.com/library/bhidocs.htm>.

BHI-00370 Safety Analysis for the Environmental Restoration Disposal Facility

BHI-00939 Final Hazard Classification and Auditable Safety Analysis for the 300-FF-1 Operable Unit Liquid Waste Sites, Landfills, and 618-4 Burial Ground

BHI-00944 Final Hazard Classification and Auditable Safety Analysis for the 308 Building Complex During Post-Deactivation Surveillance and Maintenance Mode

BHI-01095 Final Hazard Classification and Auditable Safety Analysis for Building 107-N2

BHI-01150 Final Hazard Classification and Auditable Safety Analysis for the DR Facility Interim Safe Storage Project

BHI-01151 Final Hazard Classification and Auditable Safety Analysis for the 105-F Building Interim Safe Storage Project

BHI-01172 Surplus Reactor Auditable Safety Analysis (B,C,D,KE.KW)

BHI-01179 Auditable Safety Analysis and Final Hazard Classification for the 105-N Reactor Zone and 109-N Steam Generator Zone Facility

BHI-01302 Auditable Safety Analysis and Final Hazard Classification for the 116-N-3 Crib Remediation Activities

BHI-01349 Final Hazard Classification and Auditable Safety Analysis for the 105-D Facility Interim Safe Storage Project

BHI-01350 Final Hazard Classification and Auditable Safety Analysis for the 105-H Facility Interim Safe Storage Project

BHI-01354 Auditable Safety Analysis and Final Hazard Classification for Remediation Activities at the 116-N-1 Treatment, Storage, and Disposal Unit and Site UPR-100-N-31

Other

FDH, 1998, *Hanford Site Solid Waste Acceptance Criteria*, HNF-EP-0063, Rev. 5, Fluor Daniel Hanford, Inc., Richland, Washington, July 1998.